

Calibration with Machine Learning in Radio Cosmology

Samuel Alan Kossoff Leeney

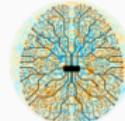
Machine Learning for Astronomy 2024

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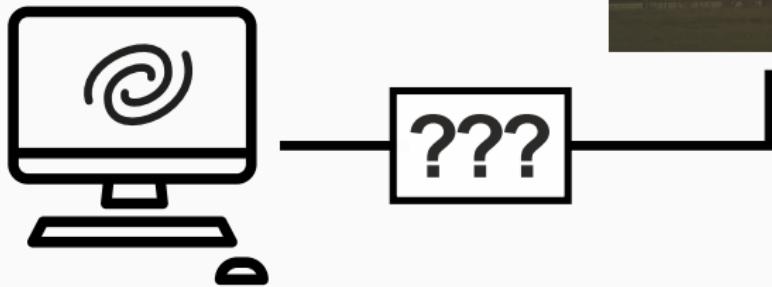
Co Authors: Harry Bevins, Will Handley, Eloy de Lera Acedo, Jiacong Zhu,
Kaan Artuc, Daniel Molnar



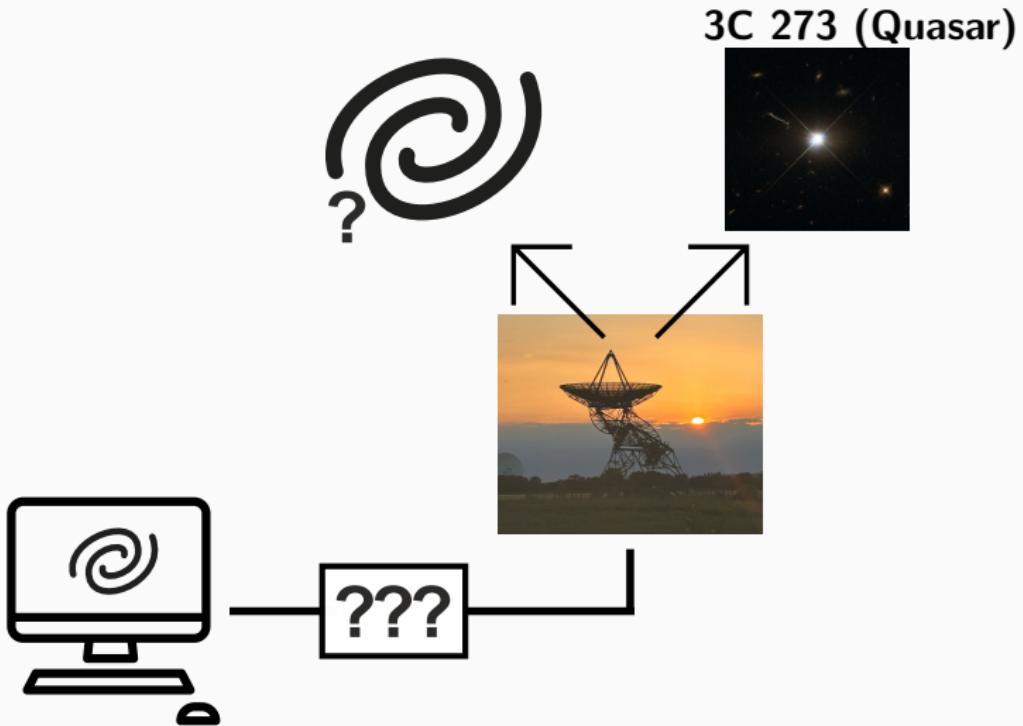
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What is calibration in Astronomy?



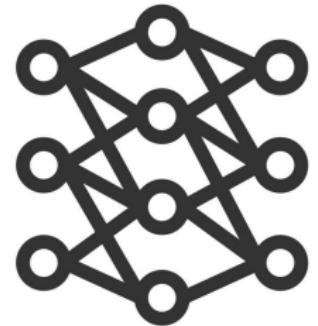
How to calibrate?



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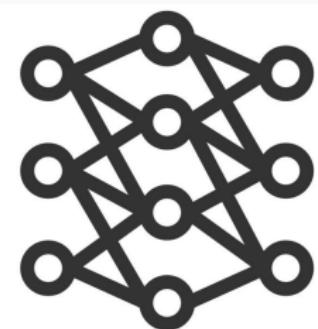
Why is machine learning helpful?

Train

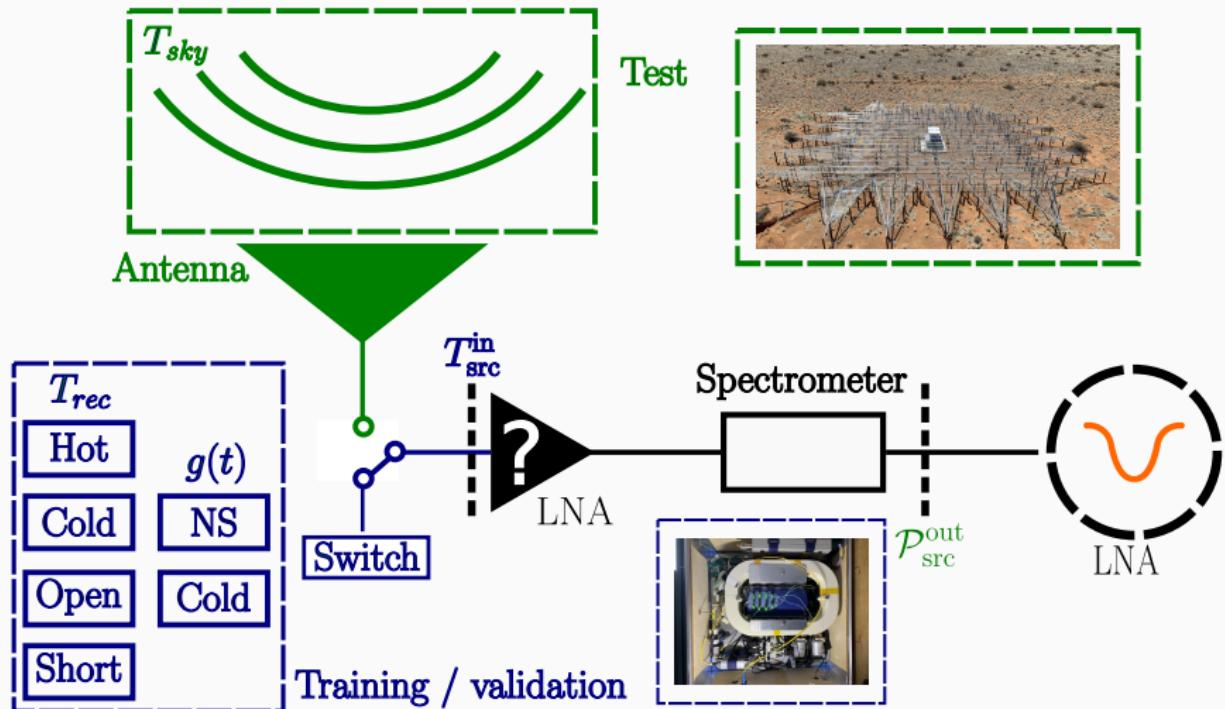


Predict

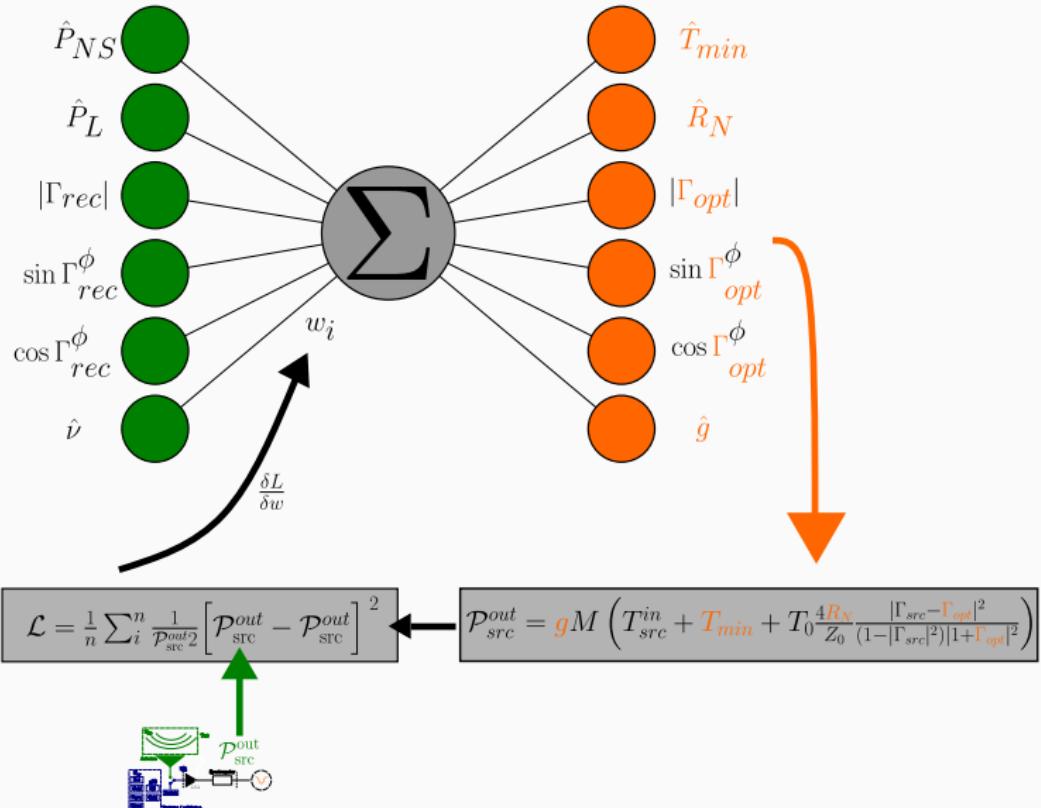
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Machine learning for radiometer calibration in global 21cm cosmology



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